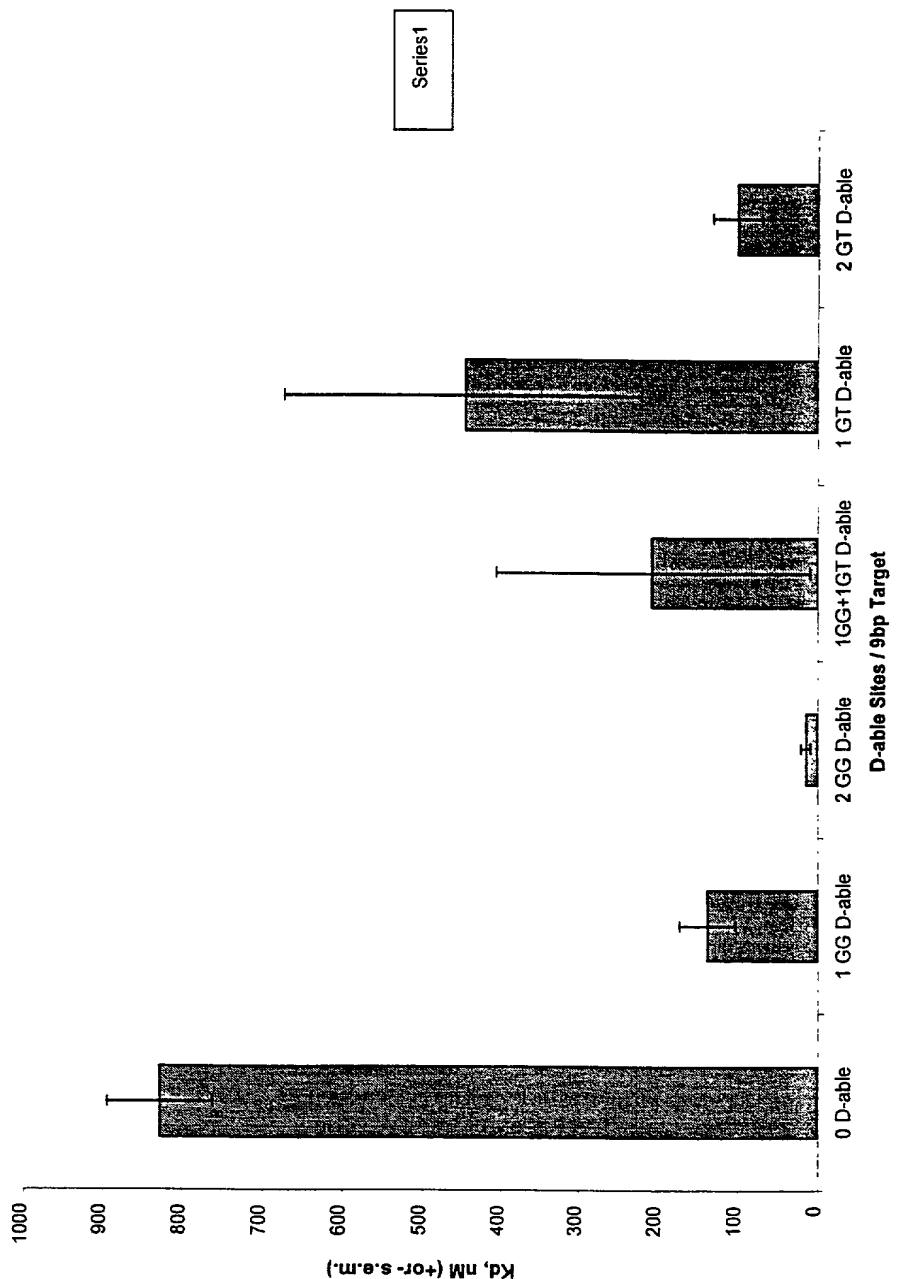


Fig. 1

# Kd of Designed ZFPs vs. D-able Sites / Target:

Affinity is a function of number and type of D-able site



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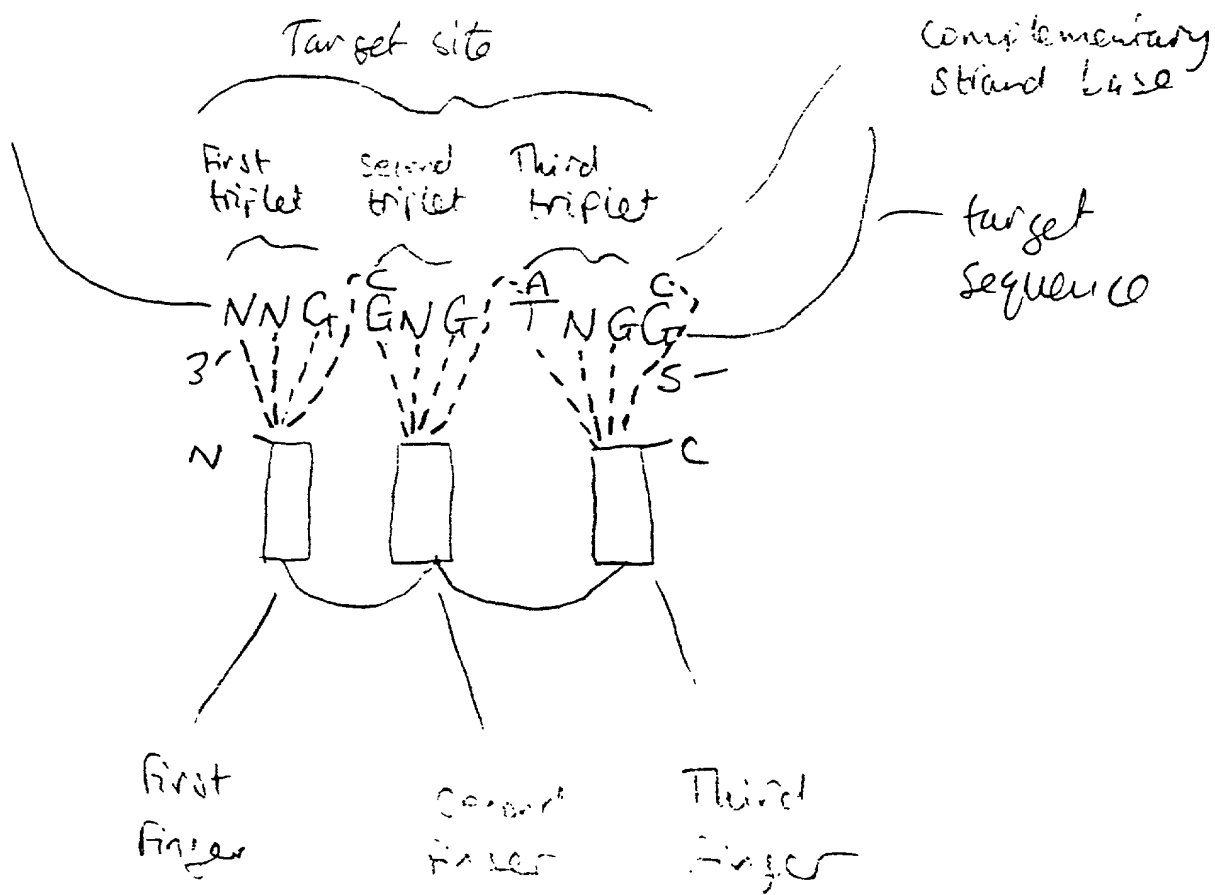
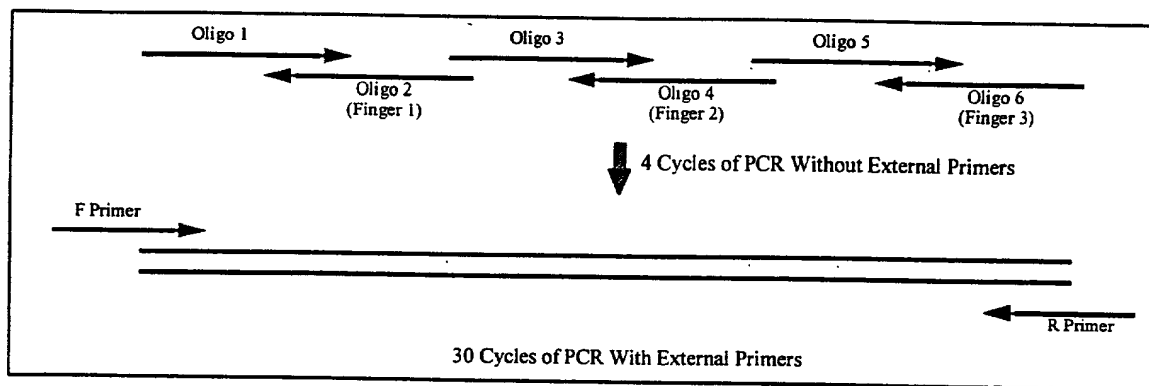


Fig. 2



**\*Figure 3.** PCR amplification scheme for production of ZFP-encoding synthetic genes.

FIG. 4 is a block diagram of a computer system 10 according to one embodiment of the present invention.

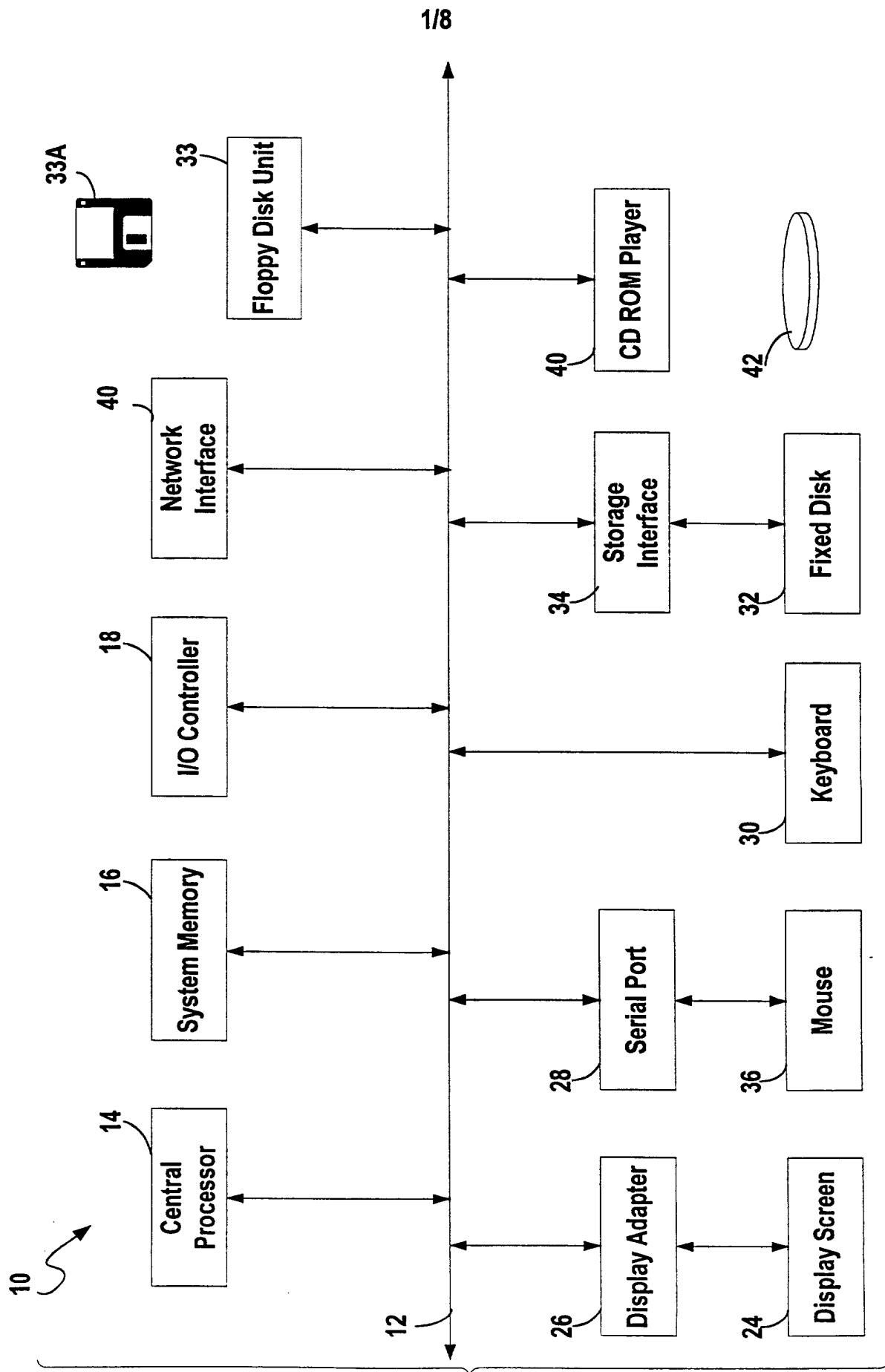


Fig. 4

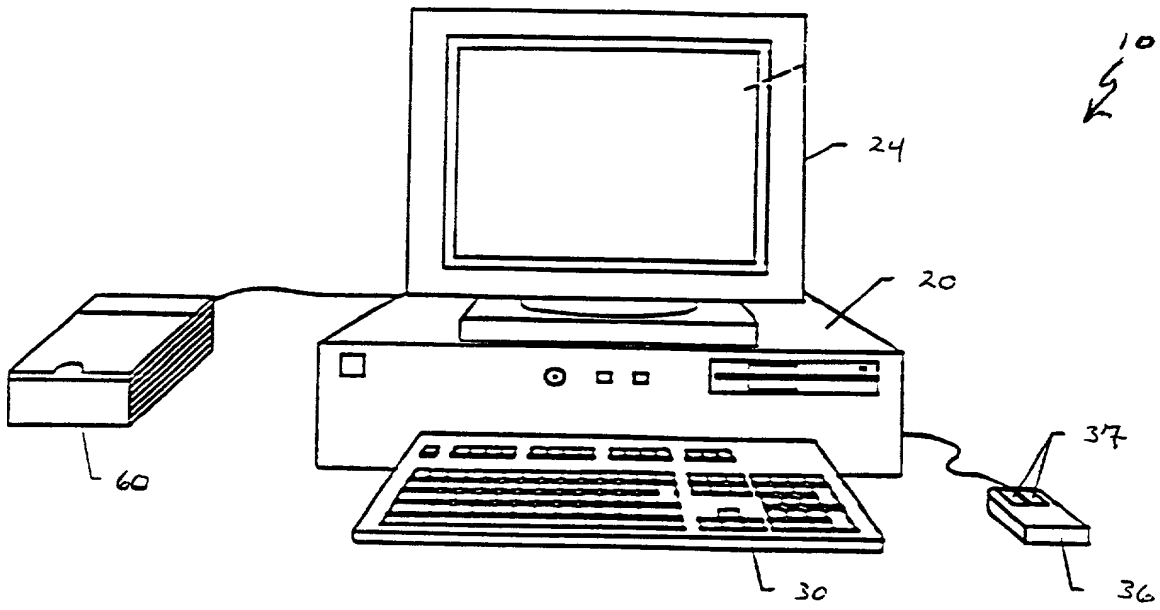


Fig. 5

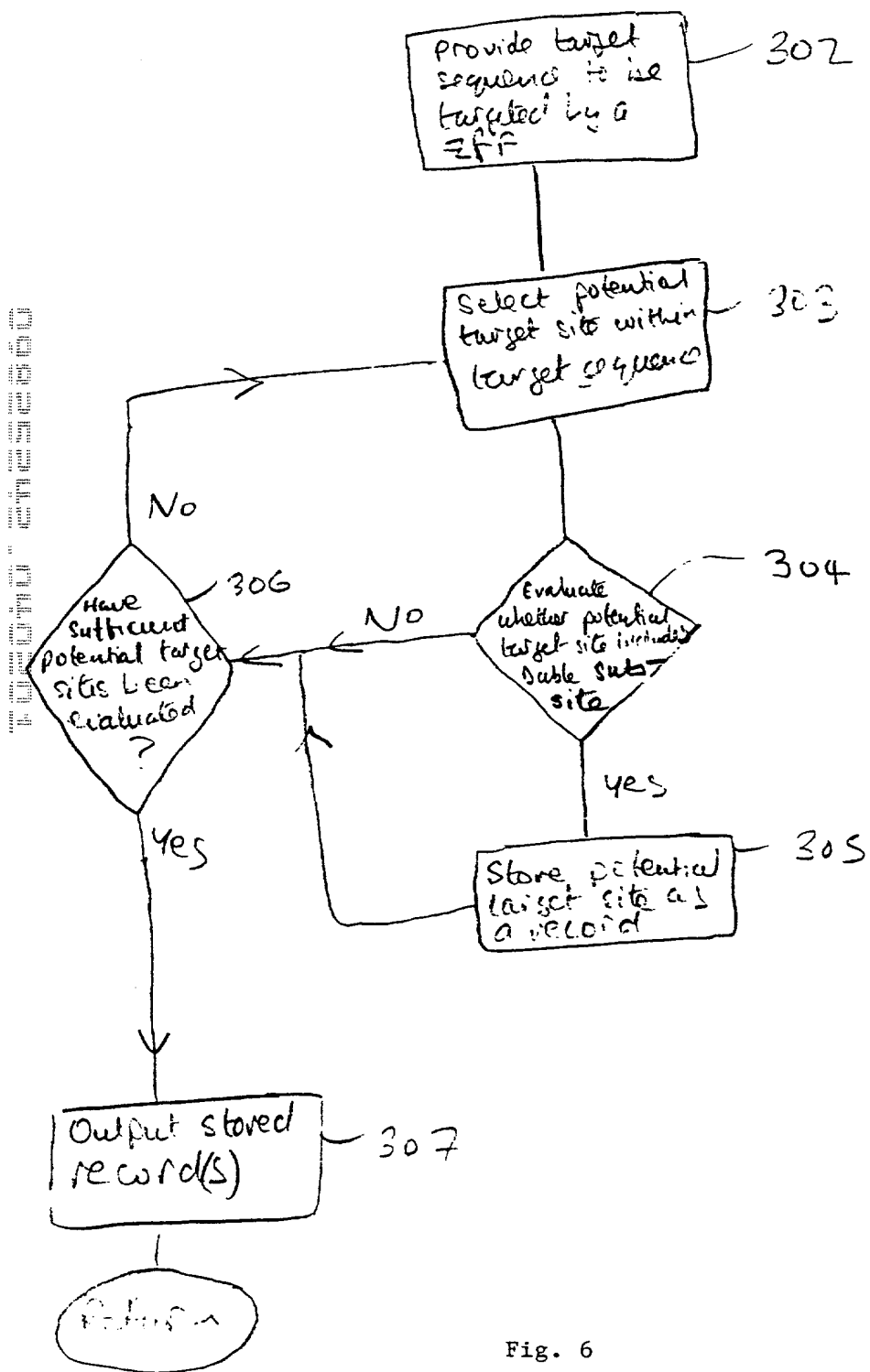


Fig. 6

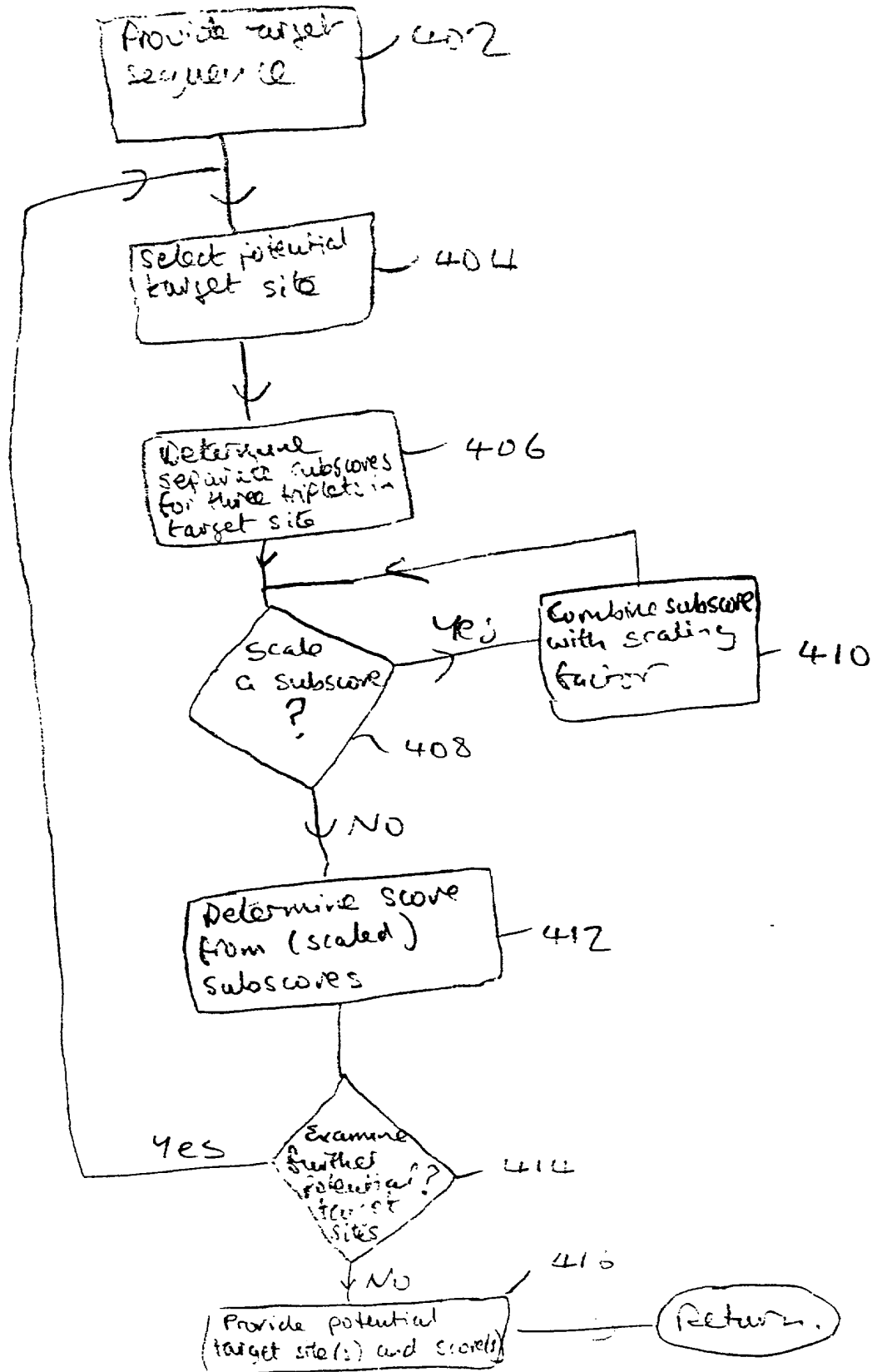


Fig. 7A

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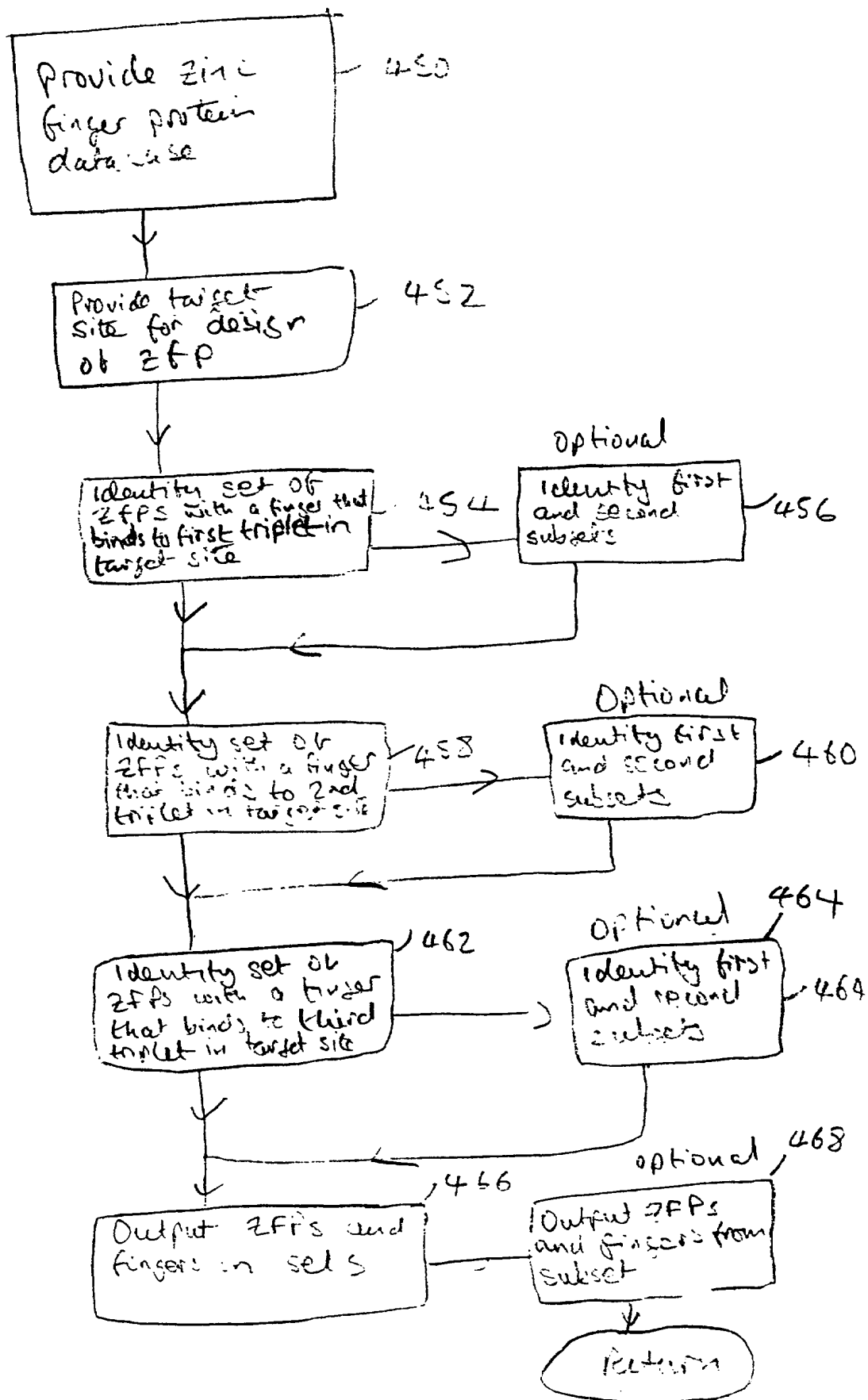


Fig. 7B



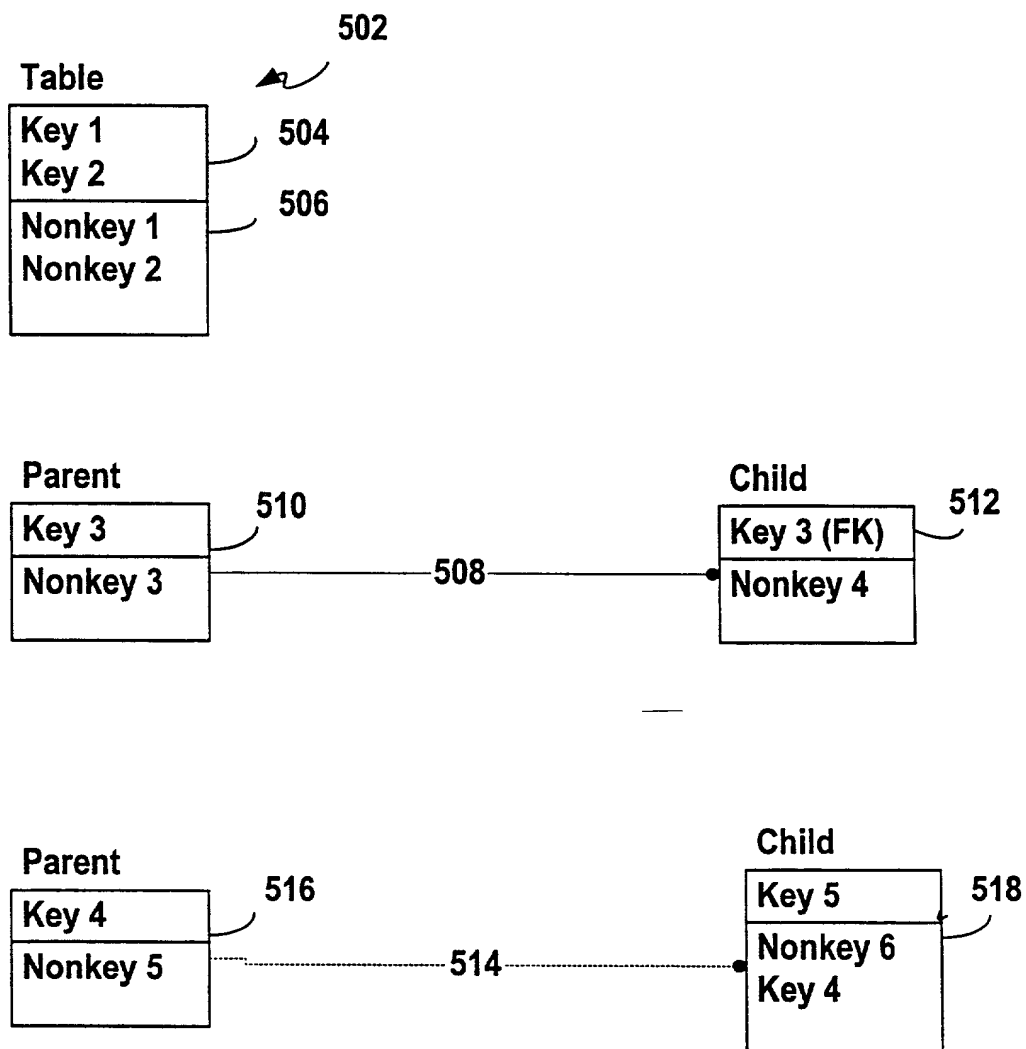


Fig. 8A

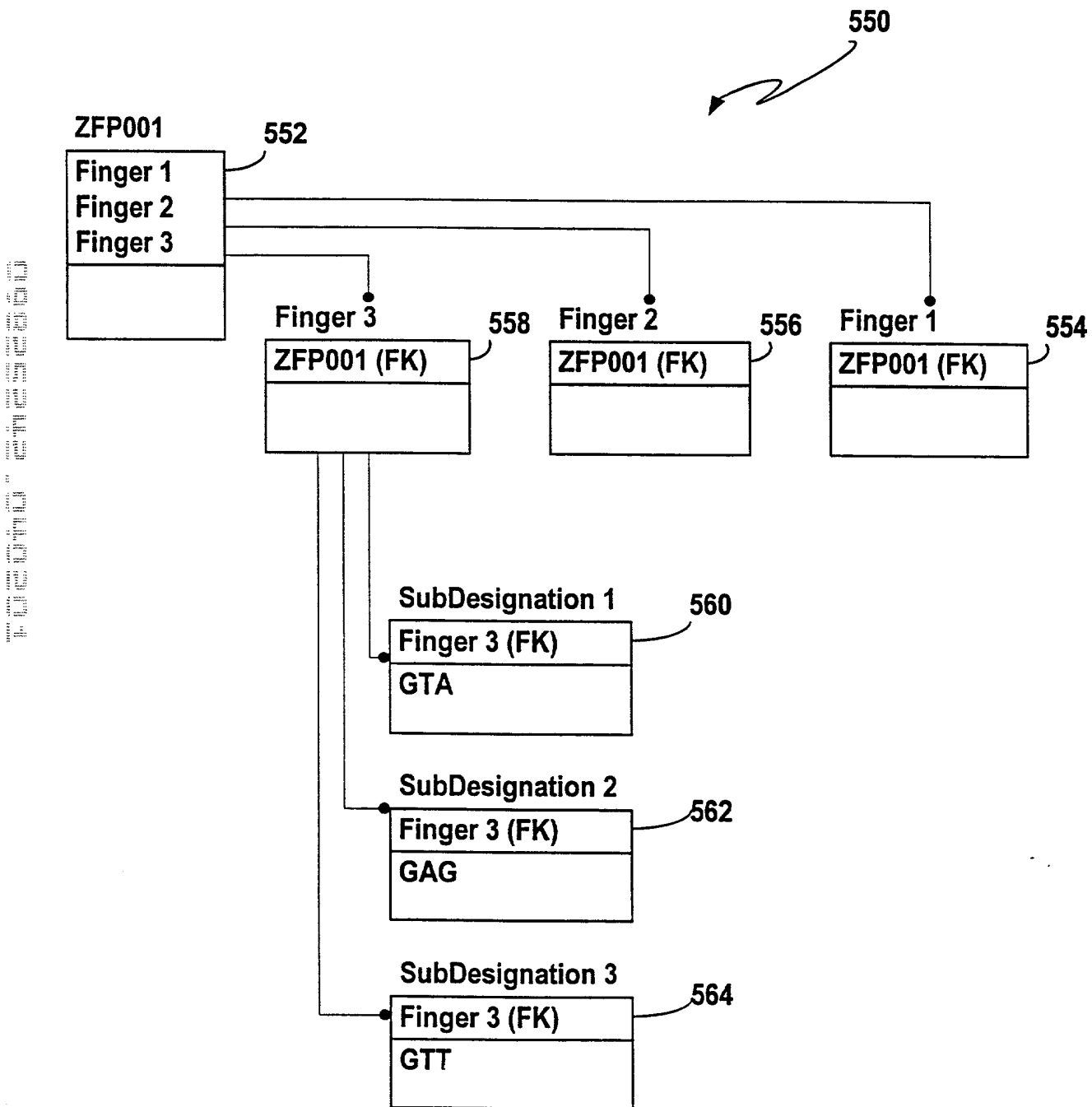


Fig. 8B